

## EAST Search History

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| S1    | 4081 | wafer and batch\$3 near1 process\$3   | US-PGPUB; USPAT        | OR               | ON      | 2007/08/09 10:52 |
| S2    | 5    | S1 and workpiece and tool and state and metrology and rout\$3 and correlation | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:44 |
| S3    | 1    | ("6773931").PN.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2004/10/15 19:44 |
| S4    | 1    | S3 and fault  | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:45 |
| S5    | 1    | S3 and (fault or error)   | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:45 |
| S6    | 1    | S5 and detect\$3  | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:51 |
| S7    | 0    | S3 and position   | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:51 |
| S8    | 0    | S3 and modify\$3  | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:52 |
| S9    | 0    | S3 and queue  | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:52 |
| S10   | 0    | S3 and sampl\$3   | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:53 |
| S11   | 0    | S3 and trigger  | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:53 |
| S12   | 1    | S3 and trigger\$3   | US-PGPUB; USPAT        | OR               | ON      | 2004/10/15 19:53 |
| S13   | 1    | "6587744".PN.   | USPAT                  | OR               | OFF     | 2006/01/06 22:11 |
| S14   | 1    | "6444481".PN.   | USPAT                  | OR               | OFF     | 2004/10/15 19:56 |
| S15   | 1    | "6408220".PN.   | USPAT                  | OR               | OFF     | 2004/10/15 19:57 |
| S16   | 1    | "5270222".PN.   | USPAT                  | OR               | OFF     | 2004/10/15 19:57 |
| S17   | 1    | "6587744".PN.   | USPAT                  | OR               | OFF     | 2004/10/15 19:58 |
| S18   | 1    | ("6773931").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/01/06 13:48 |

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|-----|---|--|--------------------|----|-----|---------------------|
| S19 | 1 | ("20050021272").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06<br>13:48 |
| S20 | 1 | "6587744".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/01/07<br>00:28 |
| S21 | 1 | "6446022".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/01/06<br>22:08 |
| S22 | 1 | "6444481".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/01/06<br>22:08 |
| S23 | 1 | "6408220".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/01/06<br>22:09 |
| S24 | 1 | "5270222".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/01/06<br>22:09 |
| S25 | 0 | (S20 or S21 or S22 or S23 or S24) and batch and process\$3 and state and metrology and rout\$3 | USPAT              | OR | OFF | 2006/01/06<br>22:13 |
| S26 | 0 | (S20 or S21 or S22 or S23 or S24) and batch and process\$3 and metrology and rout\$3           | USPAT              | OR | OFF | 2006/01/06<br>22:13 |
| S27 | 2 | (S20 or S21 or S22 or S23 or S24) and process\$3 and metrology and rout\$3                     | USPAT              | OR | OFF | 2006/01/06<br>22:13 |
| S28 | 1 | ("6407396").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/27<br>10:12 |
| S29 | 1 | "5701013".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:06 |
| S30 | 1 | "5474647".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:06 |
| S31 | 1 | "5291415".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:06 |
| S32 | 1 | "5246524".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:07 |
| S33 | 1 | "4895107".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:07 |
| S34 | 1 | "5176783".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:07 |
| S35 | 1 | "5246524".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:07 |
| S36 | 1 | "5365072".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:08 |
| S37 | 1 | "5352249".PN.  | USPAT;<br>USOCR    | OR | ON  | 2006/06/27<br>10:08 |

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| S38 | 1   | "5276337".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:08 |
| S39 | 1   | "5345085".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:08 |
| S40 | 1   | "5701013".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:09 |
| S41 | 1   | "5474647".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:10 |
| S42 | 1   | "5291415".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:10 |
| S43 | 1   | "5701013".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:11 |
| S44 | 1   | "5474647".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:11 |
| S45 | 1   | "5291415".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:12 |
| S46 | 1   | "5246524".PN.   | USPAT; USOCR           | OR | ON  | 2006/06/27 10:12 |
| S47 | 41  | "5701013"   | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:12 |
| S48 | 3   | (("5701013") or ("5474647") or ("5246524")).PN.   | US-PGPUB; USPAT        | OR | OFF | 2006/06/27 10:13 |
| S49 | 0   | 250/491.ccls.   | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:13 |
| S50 | 723 | 250/491.1.ccls.   | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:13 |
| S51 | 713 | 257/797.ccls.   | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:14 |
| S52 | 431 | 438/5.ccls.   | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:14 |
| S53 | 438 | 156/345.24.ccls.  | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:14 |
| S54 | 191 | 156/345.32.ccls.  | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:14 |
| S55 | 0   | (S50 or S51 or S52 or S53 or S54) and wafer and workpiece and processing near1 tool and dynamic and metrology near1 routing and correlation and batch | US-PGPUB; USPAT        | OR | ON  | 2006/06/27 10:16 |
| S56 | 2   | (("6773931") or ("6407396")).PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/10 15:12 |

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|-----|----|---|-------------------------------|----|-----|---------------------|
| S57 | 50 | ((("20050021272") or<br>("6957120") or<br>("5206820") or<br>("6740534") or<br>("6698009") or<br>("6766214") or<br>("6773931") or<br>("6988225") or<br>("20040029299") or<br>("7051250") or<br>("6947803") or<br>("20050085940") or<br>("20070093930") or<br>("6301009") or<br>("6424417") or<br>("5664066") or<br>("5835225") or<br>("6171737") or<br>("6198294") or<br>("6245581") or<br>("6301008") or<br>("6303395") or<br>("6392229") or<br>("6408220") or<br>("6428673") or<br>("6433878") or<br>("6448099") or<br>("6456894") or<br>("6458610") or<br>("6472238") or<br>("6509201") or<br>("6549822") or<br>("6556884") or<br>("6556949") or<br>("6560503") or<br>("6560506") or<br>("6563300") or<br>("6571371") or<br>("6583509") or<br>("6587744") or<br>("6615098") or<br>("6625514") or<br>("6643017") or<br>("6647309") or<br>("6650955") or<br>("6650957") or<br>("6708129") or<br>("6745086") or<br>("6747734") or<br>("6790686").PN. | US-PGPUB;<br>USPAT;<br>USOOCR | OR | OFF | 2007/08/09<br>14:26 |
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| S58 | 50 | ((("20050021272") or ("6957120") or ("5206820") or ("6740534") or ("6698009") or ("6766214") or ("6773931") or ("6988225") or ("20040029299") or ("7051250") or ("6947803") or ("20050085940") or ("20070093930") or ("6301009") or ("6424417") or ("5664066") or ("5835225") or ("6171737") or ("6198294") or ("6245581") or ("6301008") or ("6303395") or ("6392229") or ("6408220") or ("6428673") or ("6433878") or ("6448099") or ("6456894") or ("6458610") or ("6472238") or ("6509201") or ("6549822") or ("6556884") or ("6556949") or ("6560503") or ("6560506") or ("6563300") or ("6571371") or ("6583509") or ("6587744") or ("6615098") or ("6625514") or ("6643017") or ("6647309") or ("6650955") or ("6650957") or ("6708129") or ("6745086") or ("6747734") or ("6790686")).PN. | US-PGPUB;<br>USPAT;<br>USOOCR | OR | OFF | 2007/08/09<br>14:26 |
|-----|----|---|-------------------------------|----|-----|---------------------|

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|-----|----|--|------------------------|----|-----|------------------|
| S59 | 13 | S58 and process and workpiece and state and correlate\$3 and metrology               | US-PGPUB; USPAT        | OR | OFF | 2007/08/09 14:29 |
| S60 | 1  | S58 and process and workpiece and state and correlate\$3 and metrology near1 routing | US-PGPUB; USPAT        | OR | OFF | 2007/08/09 14:30 |
| S61 | 1  | S58 and process and workpiece and state and correlate\$3 and metrology near1 rout\$3 | US-PGPUB; USPAT        | OR | OFF | 2007/08/09 14:30 |
| S62 | 1  | "6664546".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:06 |
| S63 | 1  | "6304999".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:07 |
| S64 | 1  | "6182247".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:09 |
| S65 | 1  | "6298470".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:09 |
| S66 | 1  | "6263255".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:10 |
| S67 | 1  | "6230069".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:10 |
| S68 | 1  | "6177680".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:12 |
| S69 | 1  | "4840495".PN.  | USPAT; USOCR           | OR | OFF | 2007/08/09 15:19 |
| S70 | 2  | ("6773931") or ("7051250").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/30 17:56 |
| S71 | 1  | "6587744".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:11 |
| S72 | 1  | "6444481".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:11 |
| S73 | 1  | "6408220".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:12 |
| S74 | 1  | "5270222".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:12 |
| S75 | 1  | "6625753".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:12 |
| S76 | 1  | "6467049".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:13 |
| S77 | 1  | "5720031".PN.  | USPAT; USOCR           | OR | OFF | 2008/03/30 18:13 |

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| S78 | 2 | (("6298470") or<br>("4840495")).PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/03/30<br>19:46 |
|-----|---|-------------------------------------|------------------------------|----|-----|---------------------|

3/30/2008 9:24:30 PM

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